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8676/DISPLAY/AKT/RKK

	U.S. PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where				
		Number-Kind Code ^{2 (# krown)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear				
PG	A1	US-2,344,138	03-14-1944	Drummond					
	A2	US-3,109,100	10-29-1963	Gecewicz					
	А3	US-3,291,715	12-13-1966	Anderson					
	A4	US-4,431,898	02-14-1983	Reinberg et al.					
	A5	US-4,778,561	10-18-1988	Ghanbari					
	A6	US-4,867,859	09-19-1989	Harada et al.					
	A7	US-4,871,431	10-03-1989	Ogle et al.					
	A8	US-4,948,458	08-14-1990	Ogle					
	A9	US-5,045,166	09-03-1991	Bobbio					
	A10	US-5,061,838	10-29-1991	Lane et al.					
	A11	US-5,105,761	04-21-1992	Charlet et al.					
	A12	US-5,106,827	04-21-1992	Borden et al.					
	A13	US-5,107,201	04-21-1992	Ogle					
	A14	US-5,277,751	01-11-1994	Ogle					
	A15	US-5,290,382	03-01-1994	Zarowin et al.					
	A16	US-5,435,881	07-24-1995	Ogle					
1,	A17	US-5,505,780	04-09-1996	Dalvie et al.					
$\overline{\mathbf{V}}$	A18	US-5,520,209	05-28-1996	Goins et al.					

	FOREIGN PATENT DOCUMENTS										
Examiner Cite Initials* No.1			Foreign Patent Document			Pages, Columns, Lines,	Abst				
		No.	Country Code ³ -Number ⁴ -Kind Code ⁶ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	т⁰				
P	G	B1	EP 0 424 256 a1	04-24-1991	Commissarlet a eL-Energies		х				
		B2	EP 0 546 852	06/16/1993	Hughes Aircraft Co.						
		В3	EP 0 823 218	04-15-1998	Applied Materials inc		х				
	,	B4	WO 99/00823	01-07-1999	Applied Science Technology Co.						
		B5	WO 01/11650	02-12-2001	Advanced Energy Industries						

Examiner /Patricia George/ (06/01/2006) Date Considered 06/01/2006

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Substitute	for form 1449B/PTO			Application Number	10/821,723	١
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			U.S. PATENT	DOCUMENTS	
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Initials*	No.1	Number-Kind Code ^{2 (F known)}	MM-DD-YYYY	Applicant of Cited Document	Figures Appear
PG	A1	US-5,520,209	05-28-1996	Goins et al.	
	A2	US-5,542,559	08-06-1996	Kawakami et al.	
	А3	US-5,569,363	10-29-1996	Bayer et al.	
	A4	US-5,682,517	11-04-1997	Shan	
	A5	US-5,770,982	06-23-1998	Moore	
	A6	US-5,788,778	08-04-1998	Shang et al.	
	A7	US-5,892,328	04-06-1999	Shang et al.	
	A8	US-5,895,548	04-20-1999	Ettinger et al.	
	A9	US-5,897,752	04-27-1999	Hong et al.	
	A10	US-5,935,077	08-10-1999	Ogle	
	A11	US-5,948,168	09-07-1999	Shan et al.	
	A12	U\$-5,994,236	11-30-1999	Ogle	
	A13	US-5,994,942	11-30-1999	Itoh	
	A14	US-5,998,933	12-07-1999	Shun'ko	
	A15	US-6,024,044	02-15-2000	Law et al.	
	A16	US-6,041,735	03-28-2000	Murzin et al.	
1,	A17	US-6,055,927	05-02-2000	Shang et al.	
$-\Psi$	A18	US-6,132,552	10-17-2000	Donohoe et al.	

	FOREIGN PATENT DOCUMENTS									
Examiner Cite		Foreign Patent Document Publication C		Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or	Te				
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iriluais	NO.	Number-Kind Code ^{2 (II known)}	MM-DD-YYYY	Applicant of Cited Document	
PG	A1	US-6,150,628	11-21-2000	Smith et al.	
	A2	US-6,172,322	01-09-2001	Shang et al.	
	А3	US-6,203,657	03-20-2001	Collison et al.	
	A4	US-6,239,553	05-29-2001	Barnes et al.	
	A5	US-6,418,874	07-16-2002	Cox et al.	
	A6	US-6,432,255 B1	08-13-2002	Sun et al.	
V	A7	US-6,468,601 B1	10-22-2002	Shang et al.	
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	A9	US-			
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NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published				
PG	Zhang et al., "A High Power Radio Frequency Transformer for Plasma Production in a Toroidal Plasma Source," Rev. Sci. Instrum., 69(1), January 1998, 101-108					
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MAY 2 4 2006 8	Filing Date	April 8, 2004	
	First Named Inventor	Merry, et al.	
STATEMENT BY APPLICANT	Group Art Unit	1765	
	Examiner Name	George, Patricia Ann	
(Use as many sheets as necessary)	Attorney Docket Number	8676/DISPLAY/AKT/RKK	
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U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where		
		Number-Kind Code ^{2 (f known)}			Relevant Passages or Relevant Figures Appear		
PG	A1	US-2001/0006070 A1	07/05/2001	Shang, et al.			
PG	A2	US-2002/0007795 A1	01/24/2002	Bailey, III, et al.			
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PG	B1	wo	03/012567 A1	02/13/2003	Mitrovic, et al.		
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			NON	PATENT LITERATU	RE DOCUMENTS		
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PG	C1 Partial International Search Report dated April 26, 2006 for PCT/US2005/011319						
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